

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ACS 48047

SERIAL NO.

09/055,582

INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

FEB 12 1999

PATENT & TRADEMARK OFFICE

APPLICANT

Lau et al.

FILING DATE

April 6, 1998

GROUP

3738

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
<i>Bj</i>	5,197,978	03/30/93	Hess			
	5,222,971	06/29/93	Willard et al.			
	5,226,913	07/13/93	Pinchuk			
	5,234,456	08/10/93	Silvestrini			
	5,242,452	09/07/93	Inoue			
	5,282,823	02/01/94	Schwartz et al.			
	5,282,823	02/01/94	Gianturco			
<i>Bj</i>	5,290,305	03/01/94	Inoue			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

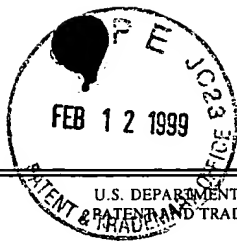
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

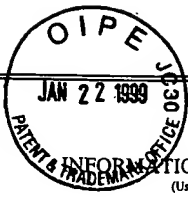
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<i>B</i>		5,304,200	04/19/94	Spaulding				
		5,314,444	05/24/94	Gianturco				
		5,314,472	05/24/94	Fontaine				
		5,330,500	07/19/94	Song				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER <i>J. J. Smith</i>				DATE CONSIDERED <i>8/17/98</i>				
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	APPLICANT Lau et al.	
	FILING DATE 04/06/98	GROUP 3738

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
B	4,830,003	05/16/1989	Wolff et al.			
B	4,994,071	02/19/1991	MacGregor			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
B	EP 0 221 570 A2	05/13/1987	EPO				
	EP 0 335 341 A1	10/04/1989	EPO				
	EP 0 357 003 A2	03/07/1990	EPO				
	EP 0 364 787 A1	04/25/1990	EPO				
	EP 0 421 729 A2	04/10/1991	EPO				
	1-299550	12/04/1989	Japan				X
	3-151983	06/28/1991	Japan				X
	62-231657	10/12/1987	Japan				X
B	62-235496	10/15/1987	Japan (w/English language abstract)				X
	64-83685	03/29/1989	Japan (w/English language abstract)				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
B	Mirich, et al. "Percutaneously Placed Endovascular Grafts for Aoertic Aneurysms: Feasibility Study," <u>Radiology</u> , 1989, part 2, p1033-37.
	Yoshioka, et al. "Development and Clinical Application of Biliary Endoprosthesis Using Expandable Metallic Stents," <u>Japan Radiological Society</u> , 1988, Vol. 48 No .9, pp. 1183-85. (with translation).
B	Yoshioka, et al. "Self Expanding Endovascular Graft: An Experimental Study in Dogs," <u>American Journal of Roentgeriology</u> , 1988, Vol. 151, pp.673-76.

EXAMINER <i>S. Jackson</i>	DATE CONSIDERED 8/17/99
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				FILING DATE 04/05/98	GROUP 3738	
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
JS	3,105,492	10/01/63	Jeckel			
	3,657,744	04/25/72	Ersek			
	3,993,078	11/23/76	Bergentz et al.			
	4,130,904	12/26/78	Whalen			
	4,140,126	02/20/79	Choudhury			
	4,159,719	07/03/79	Haerr			
	4,387,952	06/14/83	Slusher			
	4,503,569	03/12/85	Dotter			
	4,504,354	03/12/85	George et al.			
	4,512,338	04/23/85	Balko et al.			
JS	4,531,933	07/30/85	Norton et al.			
	4,553,545	11/19/85	Maass et al.			
FOREIGN PATENT DOCUMENTS						
JS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	GB 2 070 490 A	09/09/81	United Kingdom			
	GB 2 135 585 A	09/05/84	United Kingdom			
	EP 0 221 570 A2	05/13/87	European Patent Office			
	EP 0 380 668	10/07/88	European Patent Office			
	EP 0 338 816 A	10/25/89	European Patent Office			
JS	EP 0 361 192 A	04/04/90	European Patent Office			
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
JS	Dotter, Charles T., <i>Transluminally Placed Coilspring Endarterial Tube Grafts</i> , <i>Investigative Radiology</i> , pp. 329-332, September/October 1969					
	Dotter, Charles T., <i>Transluminal Expandable Nitinol Coil Stent Grafting: Preliminary Report</i> , <i>Radiology Journal</i> , pp. 259-260, April 1983					
	Cragg, et al., <i>Non-Surgical Placement of Arterial Endoprostheses: A New Technique Using Nitinol Wire</i> , <i>Radiology Journal</i> , pp. 261-263, April 1983					
	Maass, et al., <i>Radiological Follow-Up of Transluminally Inserted Vascular Endoprostheses: An Experimental Study Using Expanding Spirals</i> , <i>Radiology Journal</i> , pp. 659-663, 1984					
	C.R. Bard, <i>PE Plus Peripheral Balloon Dilatation Catheter</i> , <i>C.R. Bard, Inc.</i> , August 1985					
JS	Wright, et al., <i>Percutaneous Endovascular Stents: an Experimental Evaluation</i> , <i>Radiology Journal</i> , pp. 69-72, 1985					
	EXAMINER	DATE CONSIDERED 8/17/99				
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APPLICANT

Lau et al.

FILING DATE

04/05/98

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
<i>B</i>	4,580,568	04/08/86	Gianturco			
	4,619,246	10/28/86	Molgaard-Nielsen et al.			
	4,649,922	03/17/87	Wiktor			
	4,650,466	03/17/87	Luther			
	4,655,771	04/07/87	Wallsten			
	4,681,110	07/21/87	Wiktor			
	4,706,671	11/17/87	Weinrib			
	4,733,665	03/29/88	Palmaz			
	4,739,762	04/26/88	Palmaz			
	4,740,207	04/26/88	Kreamer			
	4,762,128	08/09/88	Rosenbluth			
	4,767,418	03/08/88	Deininger			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	EP 0 364 787 A1	04/25/90	European Patent Office				
	EP 0 372 789 A3	06/13/90	European Patent Office				
	EP 0 407 951 A	01/16/91	European Patent Office				
	EP 0 421 729 A2	04/10/91	European Patent Office				
	EP 0 423 916 A1	04/24/91	European Patent Office				
	EP 0 428 479 A1	05/22/91	European Patent Office				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>B</i>	Palmaz, et al., <i>Expandable Intraluminal Graft: A Preliminary Study</i> , <i>Radiology Journal</i> , pp. 73-77, 1985
	Duprat, et al., <i>Flexible Balloon-Expanded Stent for Small Vessels</i> , <i>Radiology Journal</i> , pp. 276-278, 1987
	Anomnatic™ II Positioning Controller, Anorad Corporation, Brochure

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U.S. PATENT DOCUMENTS					
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Bx		4,776,337	10/11/88	Palmaz	
		4,795,458	01/03/89	Regan	
		4,800,882	01/31/89	Gianturco	
		4,830,003	05/16/89	Wolff et al.	
		4,848,343	07/18/89	Wallsten et al.	
		4,856,516	08/15/89	Hillstead	
		4,870,966	10/03/89	Dellon et al.	
		4,877,030	10/31/89	Beck et al.	
		4,878,906	11/07/89	Lindemann et al.	
		4,886,062	12/12/89	Wiktor	
		4,892,539	01/09/90	Koch	
		4,893,623	01/16/90	Rosenbluth	
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUB CLASS TRANSLATION YES NO
		WO 91/07139	05/30/91	PCT	
		WO 92/06734	04/30/92	PCT	
		EP 0 517 075 A1	05/26/92	European Patent Office	
Bx		WO 92/09246	06/11/92	PCT	
		EP 0 062 300	10/31/92	European Patent Office	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
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U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
B	4,907,336	03/13/90	Gianturco
	4,913,141	04/03/90	Hillstead
	4,922,905	05/08/90	Strecker
	4,943,346	07/24/98	Mattelin
	4,950,227	08/21/90	Savin et al.
	4,963,022	10/16/90	Sommargren
	4,969,458	11/13/90	Wiktor
	4,969,890	11/13/90	Sugita et al.
	4,986,831	01/22/91	King et al.
	4,990,155	02/05/91	Wilkoff
	4,994,071	02/19/91	MacGregor
	4,998,539	03/12/91	Delsanti
	5,002,560	03/26/91	Machold et al.

FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO
EP 0 540 290 A2	10/27/92	European Patent Office				
EP 0 517 075	12/09/92	European Patent Office				
FR 2 677 872	12/24/92	French Patent Office				
EP 0 540 290 A2	05/05/93	European Patent Office				
EP 0 541 443 A1	05/12/93	European Patent Office				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER <i>S. Jank</i>	DATE CONSIDERED <i>8/17/99</i>
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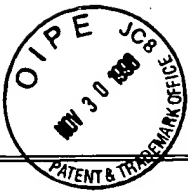
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE	
B	5,007,926	04/16/91	Derbyshire				
	5,015,253	05/14/91	MacGregor				
	5,019,085	05/28/91	Hillstead				
	5,019,090	05/28/91	Pinchuk				
	5,026,377	06/25/91	Burton et al.				
	5,034,001	07/23/91	Garrison et al.				
	5,035,706	07/30/91	Gianturco et al.				
	5,037,377	08/06/91	Alonso				
	5,037,392	08/06/91	Hillstead				
	5,037,427	08/06/91	Harada et al.				
	5,041,126	08/20/91	Gianturco				
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						YES	NO
	58-501458	09/01/83	Japan				
	63-21464	09/06/88	Japan				
	2-174859	07/06/90	Japan				
B	2-255157	10/15/90	Japan				
	3-9745	01/17/91	Japan				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER S. G. J. [Signature]				DATE CONSIDERED 8/17/99			
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B	5,059,211	10/22/91	Stack et al.				
	5,061,275	10/29/91	Wallsten et al.				
	5,062,829	11/05/91	Pryor et al.				
	5,064,435	11/12/91	Porter				
	5,071,407	12/10/91	Termin et al.				
	5,073,694	12/17/91	Tessier et al.				
	5,078,720	01/07/92	Burton et al.				
	5,078,726	01/07/92	Kreamer				
	5,078,736	01/07/92	Behl				
	5,084,065	01/28/92	Weldon et al.				
	5,089,005	02/18/92	Harada				
	5,089,006	02/18/92	Stiles				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
B	3-9745	01/17/91	Japan				
	3-9746	01/17/91	Japan				
	4,25755	02/28/92	Japan				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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6	5,092,877	03/03/92	Pinchuk			
	5,100,429	03/31/92	Sinofsky et al.			
	5,102,417	04/07/92	Palmaz			
	5,104,404	04/14/92	Wolff			
	5,108,416	04/28/92	Ryan et al.			
	5,108,417	04/28/92	Sawyer			
	5,116,318	05/26/92	Hillstead			
	5,116,360	05/26/92	Pinchuk et al.			
	5,116,365	05/26/92	Hillstead			
h	5,122,154	06/16/92	Rhodes			
	5,123,917	06/23/92	Lee			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE	
B	5,133,732	07/28/92	Wiktor				
	5,135,536	08/04/92	Hillstead				
	5,158,548	10/27/92	Lau et al.				
	5,161,547	11/10/92	Tower				
	5,163,958	11/17/92	Pinchuk				
	5,171,262	12/15/92	MacGregor				
	5,180,368	01/19/93	Garrison				
	5,183,085	02/02/93	Timmermans				
	5,192,297	03/09/93	Hull				
	5,192,307	03/09/93	Wall				
5,195,984	03/93	Schatz					
FOREIGN PATENT DOCUMENTS							
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